

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION (Includes PCT)	Attorney Docket No. TPP31741
---	---

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OSTEOCLAST DIFFERENTIATION INHIBITORS

the specification of which (check one)

☐ is attached hereto.

☐ was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable).

☒ was filed as PCT International Application No. PCT/IP03/02633 on 6 March 2003, and was filed in the U.S. National Stage on _____, as U.S. Patent Application No. _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I do not know and do not believe the claimed invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application.

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365(a)(b) of any foreign application(s) and United States provisional applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign and U.S. Provisional Application(s)			Priority Claimed	
<u>2002-063046</u>	<u>JAPAN</u>	<u>08 / March / 2002</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	Day/Month/Year Filed	Yes	No
 _____	 _____	 _____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	Day/Month/Year Filed	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 and/or §365(c) of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u> (patented, pending, abandoned)
-------------------------------	--------------------	---

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u> (patented, pending, abandoned)
-------------------------------	--------------------	---

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; Stevens, Davis, Miller & Mosher, L.L.P.; Anthony P. Venturino, Reg. No. 31,674; James E. Ledbetter, Reg. No. 28,732; Thomas P. Pavelko, Reg. No. 31,689; and Peter N. Lalos, Reg. No. 19,789. Direct all telephone calls to telephone no. 202-785-0100 and faxes to 202-408-5200.

Address all correspondence to 1615 L Street, N.W., Suite 850, Washington, D.C. 20036.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00	Full Name of Sole, First Inventor <u>Hiroyuki KUMAGAI</u>	Inventor's Signature <u>Hiroyuki Kumagai</u>	Date <u>Aug. 26, 2004</u>
	Residence: <u>KANAGAWA, JAPAN</u> JPX		Citizenship JAPAN
	Post Office Address: 11-5, Hamasuka, Chigasaki-shi, KANAGAWA 253-0035 Japan		
2-00	Full Name of Second, Joint Inventor <u>Tomohiro SAMEISHIMA</u>	Inventor's Signature <u>Tomohiro Sameishima</u>	Date <u>Aug. 16, 2004</u>
	Residence: <u>KANAGAWA, JAPAN</u> JPX		Citizenship JAPAN
	Post Office Address: 1-3-7-501, Fujisawa, Fujisawa-shi, KANAGAWA 251-0052 JAPAN		

Full Name of Third, Joint Inventor <u>Motoko MATSUFUJI</u>	Inventor's Signature <i>Motoko Matsufuji</i>	Date Aug. 5, 2004
Residence: <u>TOKYO, JAPAN</u> JPX		Citizenship JAPAN
Post Office Address: 3-23-5, Iwadominami, Komae-shi, TOKYO 201-0005 JAPAN		
Full Name of Fourth, Joint Inventor <u>Naoto KAWAMURA</u>	Inventor's Signature <i>Naoto Kawamura</i>	Date Aug. 16, 2004
Residence: <u>KANAGAWA, JAPAN</u> JPX		Citizenship JAPAN
Post Office Address: 6-2-1-207, Chuorinkan, Yamato-shi, KANAGAWA 242-0007 JAPAN		
Full Name of Fifth, Joint Inventor <u>Kunio ISSHIKI</u>	Inventor's Signature <i>Kunio Isshiki</i>	Date Aug. 18, 2004
Residence: <u>KANAGAWA, JAPAN</u> JPX		Citizenship JAPAN
Post Office Address: 2-2-17, Minamikurihara, Zama-shi, KANAGAWA 228-0015 JAPAN		
Full Name of Sixth, Joint Inventor <u>Hiroyuki INOUE</u>	Inventor's Signature <i>H. Hiroyuki Inoue</i>	Date Aug. 31, 2004
Residence: <u>SHIZUOKA, JAPAN</u> JPX		Citizenship JAPAN
Post Office Address: 772-10, Tokura, Mishima-shi, SHIZUOKA 411-0044 JAPAN		
Full Name of Seventh, Joint Inventor <u>Tetsuya SOMENO</u>	Inventor's Signature <i>Tetsuya Someno</i>	Date Aug. 31, 2004
Residence: <u>SAITAMA, JAPAN</u> JPX		Citizenship JAPAN
Post Office Address: 16-201, 710-50, Higashiarai, Saitama-shi, SAITAMA 330-0825 JAPAN		
Full Name of Eighth, Joint Inventor <u>Masaaki ISHIZUKA</u>	Inventor's Signature <i>Masaaki Ishizuka</i>	Date Sept. 8, 2004
Residence: <u>TOKYO, JAPAN</u> JPX		Citizenship JAPAN
Post Office Address: 3-17, Denenchofuhoncho, Ohta-ku, TOKYO 145-0072 JAPAN		

9-00

Full Name of Ninth, Joint Inventor <u>Tomio TAKEUCHI</u>	Inventor's Signature <i>Tomio Takeuchi</i>	Date <i>Aug-28, 2004</i>
Residence: <u>TOKYO, JAPAN</u> <i>JPY</i>		Citizenship JAPAN
Post Office Address: 2-19-10-502, Mita, Minato-ku, TOKYO 108-0073 JAPAN		